



DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Agency Interest (AI) No. 2922
Activity No. PER20070005

Mr. Steve Carter
Vice President, Regulated Generation
CLECO Power, LLC
2030 Donahue Ferry Road
Pineville, LA 71360

RE: **Prevention of Significant Deterioration (PSD) Permit, PSD-LA-728, CLECO Rodemacher Power Station, CLECO Power, LLC, Lena, Rapides Parish, Louisiana**

Dear Mr. Carter:

Enclosed is your permit, PSD-LA-728. Construction of the proposed project is not allowed until such time as the corresponding Part 70 Operating Permit is issued.

Should you have any questions, contact Rusty J. Jack of the Air Permits Division at (225) 219-0513.

Sincerely,

Chuck Carr Brown, Ph.D.
Assistant Secretary

Date

CCB: rjj

c: US EPA Region VI

ENVIRONMENTAL SERVICES

: PO BOX 4313, BATON ROUGE, LA 70821-4313

P:225-219-3181 F:225-219-3309

WWW.DEQ.LOUISIANA.GOV

Agency Interest No. 2922

PSD-LA-728

**AUTHORIZATION TO CONSTRUCT AND OPERATE A MODIFIED MAJOR SOURCE
PURSUANT TO THE PREVENTION OF SIGNIFICANT DETERIORATION
REGULATIONS IN LOUISIANA ENVIRONMENTAL REGULATORY CODE,
LAC 33:III.509**

In accordance with the provisions of the Louisiana Environmental Regulatory Code, LAC 33:III.509,

CLECO Power, LLC
2030 Donahue Ferry Road
Pineville, LA 71360

is authorized to modify Unit No. 2 at the CLECO Rodemacher Power Station near

275 Rodemacher Road
Lena, LA 71447

subject to the emissions limitations, monitoring requirements, and other conditions set forth hereinafter.

This permit and authorization to construct shall expire at midnight on _____, 2009, unless physical on site construction has begun by such date, or binding agreements or contractual obligations to undertake a program of construction of the source are entered into by such date.

Signed this _____ day of _____, 2008.

Chuck Carr Brown, Ph.D.
Assistant Secretary
Office of Environmental Services
Louisiana Department of Environmental Quality

BRIEFING SHEET

**Rodemacher Power Station
Agency Interest No.: 2922
CLECO Power, LLC
Lena, Rapides Parish, Louisiana
PSD-LA-728**

PURPOSE

CLECO Power, LLC proposes to implement low-NO_x burners and an over-fire air system in order to reduce NO_x emissions from the Unit 2 Boiler (Emission Source I.D. No. 1-74). This project is expected to increase carbon monoxide (CO) emissions above its Prevention of Significant Deterioration (PSD) significance level, while reducing NO_x.

RECOMMENDATION

Approval of the proposed construction and issuance of a permit.

REVIEWING AGENCY

Louisiana Department of Environmental Quality, Office of Environmental Services, Air Permits Division

PROJECT DESCRIPTION

The project involves the retrofitting of the Unit No. 2 Boiler with low NO_x burners and the addition of over-fire air to further reduce NO_x emissions. The project is expected to reduce permitted emissions by approximately 4,700 tons per year of NO_x. The addition of the over-fire air system is expected to result in an increase in CO emissions.

As a result of the addition of over-fire air to the Unit 2 Boiler, CO emissions will increase above its significance level for PSD. Proposed particulate matter of ten microns and smaller (PM₁₀), sulfur dioxide (SO₂), and volatile organic compounds (VOC) emissions will not be affected by the proposed project and were not included in the netting analysis.

Estimated emissions, in tons per year, are as follows:

Pollutant	Baseline Actual Emissions 05-06	Projected Actual Emissions	Net Emissions Increase	PSD de minimis	Review required?
NO _x	7624.50	7155.00	- 469.50	40	No
CO	530.00	3577.40	+ 3047.40	100	Yes

BRIEFING SHEET

**Rodemacher Power Station
Agency Interest No.: 2922
CLECO Power, LLC
Lena, Rapides Parish, Louisiana
PSD-LA-728**

TYPE OF REVIEW

Carbon monoxide (CO) emissions from the proposed major modification will be above its PSD significance level. Therefore, the requested permit was reviewed in accordance with PSD regulations for CO.

BEST AVAILABLE CONTROL TECHNOLOGY

CO emissions are above PSD significance levels and must undergo PSD analyses. The selection of control technology was based on the BACT analysis using a "top down" approach and did not include consideration of control of toxic materials.

A control technology review was performed for the CO emissions. There are no currently viable add-on control technologies for CO emissions reduction from low NO_x burners with over-fire air.

AIR QUALITY IMPACT ANALYSIS

Prevention of Significant Deterioration regulations require an analysis of existing air quality for those pollutants emitted in significant amounts from a proposed major modification. CO is the pollutant of concern in this case.

Screen modeling indicates that CO ground level concentrations are below the 1-hour and 8-hour PSD ambient significance levels. The predicted maximum 1-hour offsite ground level concentration for CO is 230.28 µg/m³. This concentration is below the 1-hour PSD significance level of 2,000 µg/m³. The predicted maximum 8-hour offsite ground level concentration for CO is 58.83 µg/m³. This concentration is below the maximum 8-hour significance level of 500 µg/m³. Therefore, pre-construction monitoring and refined NAAQS modeling were not required.

ADDITIONAL IMPACTS

Soils, vegetation, and visibility will not be adversely impacted by the proposed facility, nor will any Class I area be affected. The project will not result in any significant secondary growth effects. No new permanent jobs will be created.

BRIEFING SHEET

**Rodemacher Power Station
Agency Interest No.: 2922
CLECO Power, LLC
Lena, Rapides Parish, Louisiana
PSD-LA-728**

PROCESSING TIME

Application Dated:	June 29, 2007
Application Received:	July 2, 2007
Additional Information Dated:	September 25, 2007
	November 19, 2007
Effective Completeness Date:	October 31, 2007

PUBLIC NOTICE

A notice requesting public comment on the proposed project was published in *The Advocate*, Baton Rouge, Louisiana, on <<Date>>, 200x; and in <<Local Paper>>, <<City>>, Louisiana, on <<Date>>, 200x. Copies of the public notice were also mailed to individuals who have requested to be placed on the mailing list maintained by the Office of Environmental Services on <<Date>>, 200x. A proposed permit was also submitted to U.S. EPA Region VI on <<Date>>, 200x. All comments will be considered prior to a final permit decision.

PRELIMINARY DETERMINATION SUMMARY

Rodemacher Power Station
Agency Interest No.: 2922
CLECO Power, LLC
Lena, Rapides Parish, Louisiana
PSD-LA-728
October 31, 2007

I. APPLICANT

CLECO Power, LLC
 2030 Donahue Ferry Road
 Pineville, LA 71360

II. LOCATION

Rodemacher Power Station is located at 275 Rodemacher Road, Lena,, Louisiana.
 Approximate UTM coordinates are 526.682 kilometers East and 3473.69 kilometers North, Zone 15.

III. PROJECT DESCRIPTION

CLECO is proposing the addition of an over-fire air (OFA) system for the Unit 2 Boiler (Emission Point # 1-74) in conjunction with the installation of low-NO_x burners to reduce emissions of nitrogen oxides at the Rodemacher Power Station. The addition of the OFA system is expected to result in a net increase in CO emissions

OFA systems function by reducing oxygen levels at the burner below stoichiometric levels, forcing fuel-bound nitrogen to combine with other fuel-bound nitrogen, and thereby limiting NO_x formation. At sub-stoichiometric oxygen levels in the burner zone, unburned coal (UBC) and CO levels increase (as compared to normal firing). The strategic placement of the OFA system in the boiler reduces both UBC and CO in the final boiler exhaust, while providing reduction in the form of thermal NO_x.

It should be noted that increased levels of UBC and CO in the boiler exhaust represent a lost heating value from the fuel. To achieve boiler efficiency and the lowest generation costs, it is necessary that both UBC and CO be minimized to the lowest levels consistent with meeting the required reductions in NO_x emissions.

Estimated emissions, in tons per year, are as follows:

Pollutant	Baseline Actual Emissions 05-06	Projected Actual Emissions	Net Emissions Increase	PSD de minimis	Review required?
NO _x	7624.50	7155.00	- 469.50	40	No
CO	530.00	3577.40	+ 3047.40	100	Yes

PRELIMINARY DETERMINATION SUMMARY

Rodemacher Power Station
Agency Interest No.: 2922
CLECO Power, LLC
Lena, Rapides Parish, Louisiana
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IV. SOURCE IMPACT ANALYSIS

A proposed net increase in the emission rate of a regulated pollutant above de minimis levels for new major or modified major stationary sources requires review under Prevention of Significant Deterioration regulations, LAC 33:III.509. PSD review entails the following analyses:

- A. A determination of the Best Available Control Technology (BACT);
- B. An analysis of the existing air quality and a determination of whether or not preconstruction or postconstruction monitoring will be required;
- C. An analysis of the source's impact on total air quality to ensure compliance with the National Ambient Air Quality Standards (NAAQS);
- D. An analysis of the PSD increment consumption;
- E. An analysis of the source related growth impacts;
- F. An analysis of source related growth impacts on soils, vegetation, and visibility;
- G. A Class I Area impact analysis; and
- H. An analysis of the impact of toxic compound emissions.

A. BEST AVAILABLE CONTROL TECHNOLOGY

Under current PSD regulations, an analysis of "top down" BACT is required for the control of each regulated pollutant emitted from a modified major stationary source in excess of the specified significant emission rates. The top down approach to the BACT process involves determining the most stringent control technique available for a similar or identical source. If it can be shown that this level of control is infeasible based on technical, environmental, energy, and/or cost considerations, then it is rejected and the next most stringent level of control is determined and similarly evaluated. This process continues until a control level is arrived at which cannot be eliminated for any technical, environmental, or economic reason. A technically feasible control strategy is one that has been demonstrated to function efficiently on identical or similar processes. Additionally, BACT shall not result in emissions of any pollutant which would exceed any applicable standard under 40 CFR Parts 60 and 61.

For this project, BACT analyses are required for CO emissions from the Unit No. 2 Boiler.

PRELIMINARY DETERMINATION SUMMARY

Rodemacher Power Station
Agency Interest No.: 2922
CLECO Power, LLC
Lena, Rapides Parish, Louisiana
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BACT analyses for CO

1-74 – Unit 2 Boiler (EQT 002)

CLECO has proposed good combustion practices as the method for CO emissions control. The addition of the low-NO_x burners and OFA system includes design features intended to limit the increases in CO emissions. These include:

- The selection of low-NO_x burners that provide improved flame stability and turndown capability, a feature especially important in utility generation boilers;
- Improved coal flow balancing;
- The selection of an OFA system which does not deep stage the boiler, limiting increases in CO and UBC, sidewall corrosion, slagging, and upper furnace fouling;
- Modifications to the air delivery system including appropriate turning vanes, perforated plates, baffles and dampers, including electric actuators for each OFA port control damper, to optimize flow to the burners and OFA system;
- Provisions for adequate residence time between the OFA and furnace exit to allow continued CO burn out.

B. ANALYSIS OF EXISTING AIR QUALITY

Prevention of Significant Deterioration regulations require an analysis of existing air quality for those pollutants to be emitted in significant amounts from a proposed major modification. CO is the pollutant of concern in this case.

Screen modeling of CO emissions from the proposed project indicates that the maximum offsite ground level concentration will be below the PSD significance and preconstruction monitoring levels for CO. Therefore, pre-construction monitoring and refined NAAQS modeling were not required.

C. NATIONAL AMBIENT AIR QUALITY STANDARDS (NAAQS) ANALYSIS

Because modeling analyses indicated concentrations of CO would be below the PSD ambient significance level, refined NAAQS modeling was not required.

D. PSD INCREMENT ANALYSIS

Ambient air increments have not been established for CO.

E. SOURCE RELATED GROWTH IMPACTS

Operation of this facility is not expected to have any significant effect on residential growth or industrial/commercial development in the area of the facility. No significant net change in employment, population, or housing will be associated with the project. As a result, there will

PRELIMINARY DETERMINATION SUMMARY

**Rodemacher Power Station
Agency Interest No.: 2922
CLECO Power, LLC
Lena, Rapides Parish, Louisiana
PSD-LA-728
October 31, 2007**

not be any significant increases in pollutant emissions indirectly associated with CLECO Power, LLC's proposal. Secondary growth effects will include temporary construction related jobs and no new permanent jobs.

F. SOILS, VEGETATION, AND VISIBILITY IMPACTS

There will be no significant impact on area soils, vegetation, or visibility.

G. CLASS I AREA IMPACTS

Arkansas' Caney Creek Wilderness Area, the nearest Class 1 area, is located approximately 350 kilometers to the northeast of the facility. There will be no significant impact to Class I areas.

H. TOXIC EMISSIONS IMPACT

The selection of control technology based on the BACT analysis did not include consideration of control of toxic emissions.

V. CONCLUSION

The Air Permits Division has made a preliminary determination to approve the modification of the Unit No. 2 Boiler at the CLECO Rodemacher Power Station near Lena, in Rapides Parish, Louisiana, subject to the attached specific and general conditions. In the event of a discrepancy in the provisions found in the application and those in this Preliminary Determination Summary, the Preliminary Determination Summary shall prevail.

SPECIFIC CONDITIONS

Rodemacher Power Station
Agency Interest No.: 2922
CLECO Power, LLC
Lena, Rapides Parish, Louisiana
PSD-LA-728

1. The permittee is authorized to operate in conformity with the specifications submitted to the Louisiana Department of Environmental Quality (LDEQ) as analyzed in LDEQ's document entitled "Preliminary Determination Summary" dated October 31, 2007 and subject to the following emissions limitations and other specified conditions. Specifications submitted are contained in the application and Emission Inventory Questionnaire dated July 2, 2007, along with supplemental information dated September 25, 2007 and November 19, 2007.

MAXIMUM ALLOWABLE EMISSIONS RATES

ID No.	Description		PM ₁₀	SO ₂	NO _x	CO	VOC
EQT 04	1-74 Unit 2 Boiler	lb/MM Btu	-	-	-	0.15*	-
		lb/hr	-	-	-	3,000.00	-
		TPY	-	-	-	3,577.00	-

* Annual average.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated June 29, 2007, along with supplemental information dated September 25, 2007 and November 19, 2007.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.
- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 - 1. Report by June 30 to cover January through March
 - 2. Report by September 30 to cover April through June
 - 3. Report by December 31 to cover July through September
 - 4. Report by March 31 to cover October through December
 - D. Each report submitted in accordance with this condition shall contain the following information:
 - 1. Description of noncomplying emission(s);
 - 2. Cause of noncompliance;
 - 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 - 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 - 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
 - A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.

- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.

- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

1. Generally be less than 5 TPY
2. Be less than the minimum emission rate (MER)
3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:13901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

TABLE I: BACT COST SUMMARY

CLECO Rodemacher Power Station
Agency Interest No.: 2922
CLECO Power, LLC
Lena, Rapides Parish, Louisiana
PSD-LA-728

Control Alternatives	Availability/ Feasibility	Negative Impacts (a)	Control Efficiency	Emissions Reduction (TPY)	Capital Cost (\$)	Annualized Cost (\$)	Cost Effectiveness (\$/ton)	Notes
1-74 – Unit 2 Boiler (EQT000004)								
CO	The most effective control was selected; therefore, a cost analysis was not conducted.							
Notes: a) Negative impacts: 1) economic, 2) environmental, 3) energy, 4) safety								

TABLE II: AIR QUALITY ANALYSIS SUMMARY

CLECO Rodemacher Power Station
Agency Interest No.: 2922
CLECO Power, LLC
Lena, Rapides Parish, Louisiana
PSD-LA-728

Pollutant	Averaging Period	Preliminary Screening Concentration ($\mu\text{g}/\text{m}^3$)	Level of Significant Impact ($\mu\text{g}/\text{m}^3$)	Significant Monitoring Concentration ($\mu\text{g}/\text{m}^3$)	Background ($\mu\text{g}/\text{m}^3$)	Maximum Modeled Concentration ($\mu\text{g}/\text{m}^3$)	Modeled + Background Concentration ($\mu\text{g}/\text{m}^3$)	NAAQS ($\mu\text{g}/\text{m}^3$)	Modeled PSD Increment Consumption ($\mu\text{g}/\text{m}^3$)	Allowable Class II PSD Increment ($\mu\text{g}/\text{m}^3$)
CO	1-hour	230.28	2000	-	NR	NR	NR	40,000	NR	-
	8-hour	58.83	500	575	NR	NR	NR	10,000	NR	-
NR = Not required.										